GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:2014
ANSWERED ON:13.03.2008
EXPLORATION OF OIL AND NATURAL GAS
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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the details of oil and natural gas exploration in the country during the last four years;

(b) the time by which and the quantity of oil and natural gas likely to be available as a result of the explorations and the new licensing policy;

(c) the present details of oil production in different oil fields of the country;

(d) the percentage of requirement met out from the domestic production of oil and natural gas;

(e) names of the countries alongwith the details of the quantity of import of oil and gases and the average expenditure incurred yearly in this regard;

(f) the progress of alternative sources of oil production besides extraction and import;

(g) whether there is any possibility of becoming self- reliant in the field of oil and natural gas ;

(h) if so, the details thereof; and

(i) the quantum of oil and natural gas available and possible availability from oil reserves in the country?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DINSHA PATEL)

(a) During last four years (2003-04 to 2006-07), the total quantum of exploratory inputs expended by Oil and Natural Gas Corporation Limited (ONGC), Oil India Limited (OIL) and Private Companies in their operational areas include acquisition of 15402.52 Ground Line Kilometre (GLK) of 2D seismic and 20977.76 sq km of 3D seismic data in the country. During this period 762 exploratory wells were drilled by these companies in the country.

From pre page

(b) Projected crude oil and natural gas production during XI Plan Period (2007- 12) is enclosed as Annexure I.

(c) State wise crude oil and natural gas production during 2006-07 are enclosed as Annexure- II and III respectively.

(d) During the year 2006-07, the percentage of domestic crude oil production were 22.3%.

(e) The information with reference to crude oil and Liquefied Natural Gas (LNG) are enclosed as Annexure-IV and V respectively.

(f) Ethanol Blended Petrol (EBP), bio-diesel, hydrogen energy and gas hydrates have been identified as potential future alternatives to supplement petrol and diesel.Government of India has already awarded 26 Coal Bed Methane (CBM) Blocks in order to produce CBM gas from coal fields. In one of the blocks in West Bengal, CBM gas production has commenced with effect from July 2007.

(g) No sir.

(h) Does not arise in view of (g) above

(i) In the country, hydrocarbon reserves estimated are of the order of 28 billion tone, out of which 8.8 billion of in place reserves have been established. Remaining reserves are yet to be discovered. Government of India has targeted to increase area of exploration upto 80 percent of Indian Sedimentary Basinal area by the end of XI plan i.e. year 2012.